

ELECTRONIC KEYBOARDS

PORTATONE / PORTABLE PIANO / PORTASOUND / DIGITAL PERCUSSION / DJ-GEAR



Bring Home the Magic of Music

Yamaha portable keyboards put musical creativity at your fingertips

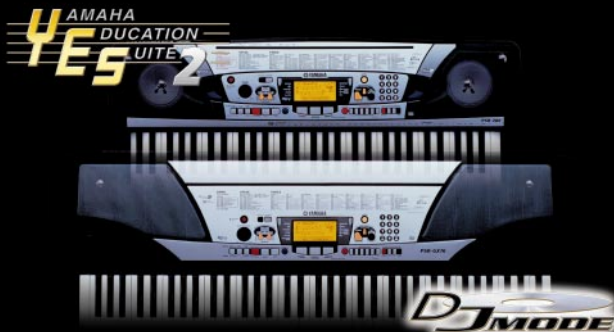
The Yamaha lineup of portable electronic keyboards is a musician's dream come true, giving you the power to sound exactly the way you want. It starts with a new level of instrument realism thanks to a larger sample ROM. And what does that mean? Simply put, a more realistic digital sample of an instrument almost always requires a larger digital sample. So by increasing the size of the sample memory, Yamaha is able to give you even more realistic instrument voices. And you get so many of them with Yamaha's XG standard, the constantly growing extension of General MIDI (GM). Not only do you get full compatibility with GM, you get hundreds of extra voices as well as full MIDI control of voice and effects parameters, and a whole lot more. In addition, these new PortaTones boast upgraded speaker systems, with 2-way speakers for the PSR-280 and above, and bass ports for the PSR-160 and above (except PSR-340).

The world's favorite auto-accompaniments

Of course, PortaTones are packed with the dynamic rhythms, music styles and easy-play features that make them the world's favorites. Plus an important extra: the Easy Navigator gives you fast, easy, intuitive access to all these stunning functions, allowing you to spend your time playing music instead of reading owner's manuals.

A fun-tastic way to discover the exciting world of music

Yamaha's entry-level PortaTone line offers incredible features and performance at an affordable price. Newly developed Yamaha Education Suite 2™, a wonderful set of music training functions make learning music incredibly easy. And when it's time to take a break from practicing, simply place the keyboard in DJ mode and let the fun begin—with awesome dance voices and accompaniment styles...and even a DJ game!



Icons

Special icons indicate at a glance the major features available on each instrument. The glossary below explains what each icon stands for.



Vocal Harmony for XG

Add harmony parts to anything you sing with the Vocal Harmony function, and powerfully enhance your vocal performances.



Sweet Voice

Yamaha's exclusive Sweet Voice is so natural it's almost indistinguishable from the real thing.



Built-In FDD

The internal floppy disk drive gives you unlimited storage capacity.



Easy Navigator

An on-screen navigator makes even advanced functions easy

by taking you step-by-step through the settings of various features and functions.



Portable Grand

Instantly reset the entire instrument for optimum piano play.



Stereo Sampled Piano

This amazingly rich and authentic voice uses stereo recordings (samples) of an actual grand piano for stunningly natural sound.



Yamaha Education Suite 2™ (Y.E.S. 2)

A unique set of tutorial

functions makes it easy for anyone to learn to play the keyboard. Seven types of lesson are available as well as a convenient chord dictionary.



Pianist Style

Piano-only styles with full left hand accompaniment even using single-finger chords.



DJ Mode

One press of the DJ button calls up a full arsenal of contemporary dance voices and style patterns, as well as a special DJ songs and games.



Disklavier

(Compatible with Disklavier software.)

Disklavier is the integration of advanced electronics into traditional upright and grand pianos to create a variety of versatile new digital/acoustic hybrids.



Dynamic Filter

Dynamically controls the timbre or tone of a voice according to your playing strength — just like a real acoustic instrument!



Touch Response

Your playing can be as expressive as on an acoustic instrument.



Reverb

Add the ambience of a variety of different-sized rooms and

halls to your music for an extra dimension of richness.



2-Way Speaker System

Separate tweeters deliver high frequency sounds with clarity and precision for more lifelike instrument voices.



Bass Boost System

A special port on each speaker adds powerful impact to bass sound reproduction.



6-Track Recorder

Compose your own songs by overdubbing chords and

melodies. One track can be used to record an accompaniment style.



One Touch Setting

This function automatically configures keyboard parameters, such as voice selection and tempo, to optimally match the selected music style.



Organ Variation

Switch back and forth between two types of organ tones—normal and effected—simply by pressing a button.



XG

Yamaha XG MIDI extends GM voice selection, expression and control.



Song Lyric Display

See the words to the songs being played on your keyboard (with lyric-encoded recordings).



XF

Lyric & Chord information can be displayed! XF is a new file format that expands upon the capabilities of the Standard MIDI File.



64-Note Polyphony

Up to 64 notes can be reproduced simultaneously for intricate musical arrangements.



DSP

Digital Signal Processing enhances sound quality with sophisticated digital effects.



Multi Effector

Use multiple effects in combination to expand your sonic range.



Modulation Wheel

Give modulation to the notes as you play with fingertip expressive control.



To Host Port

Built-in computer interface allows easy connection to PC or Macintosh computers.



Style File

This versatile accompaniment format lets you add even more styles from floppy disk.



Digital Equalizer

Control over individual frequency ranges lets you customize the sound.



16-Track Sequencer

Record and play music with up to 16 tracks of lushly layered sound.



Pitch Bend Wheel

Give bend to the notes as you play fingertip.



Groove & Dynamics

Vary the accompaniment as you play with wide-ranging custom control.



Stereo

Stereo sound adds realistic character and spatial depth.



DOC Compatibility

Access the vast library of music available in the Yamaha Disk Orchestra Collection.



AWM

Yamaha Advanced Wave Memory technology delivers amazingly realistic sound.



MIDI

Musical Instrument Digital Interface lets electronic musical instruments work together.



GM

With General MIDI compatibility, song data always plays the correct sounds.



FM

FM tone generation uses digital sine wave generators to synthesize complex instrumental and electronic sounds.



PCM

Pulse-Code Modulation which is the same digital sampling technology used in the production of music CDs.

Yamaha XG: the format that always offers something new. Visit our website for the latest developments.

XG What is XG?
Yamaha's XG format is a significant extension and enhancement of General MIDI (GM1). Naturally, all Yamaha XG products are fully compatible with General MIDI, ensuring that GM song files play back with the proper set of voices and sound just as the original composer/programmer intended. The XG format, however, offers a level of expression much greater than that of General MIDI by providing enhanced features such as:


- Minimum 32-note polyphony
- A huge set of additional voices, including variations of the GM set and wide variety of completely new voices
- A minimum of three effects processors with a large number of effect types
- MIDI control of analog signal inputs (for example, processing a microphone signal with vocal harmony and effects)
- An extensive set of standardized voice and effect parameters that are MIDI-controllable

XG Grows as You Do!
When you're ready to expand your music and sound capabilities, XG is ready to keep pace with you. Yamaha features a wide range of powerful and compatible XG products — from keyboards and tone generators to sequencing and editing software — that let you explore the full musical and sonic potential of XG!

Direct Computer Connection
All XG-compatible PortaTones feature a convenient TO HOST terminal. This allows you to directly connect the PortaTone to a PC or Macintosh computer, and take advantage of the wealth of powerful sequencing and other music software to create and edit your own music!

XG Song Data for the PortaTone
A large and constantly growing selection of song files is available in XG format. These song files have been specially recorded to take advantage of and showcase the various features of XG-compatible PortaTone keyboards.

Free Song Data Library



The Free Song Data Library contains a great selection of original XG songs produced by Yamaha. With a little bit of ingenuity and creativeness, you can get a lot of enjoyment out of this wide selection of free material. Once you have downloaded the XG MIDI data or audio data – free of charge, of course – you can play it back with your XG PortaTone or XG SoftSynthesizer. Or if you want to, you can include it on your homepage and let others enjoy it, too.

www.yamaha-xg.com

XG Tools for the PortaTone
SoftSynthesizer and MIDPLUG are two powerful pieces of software that make your computer music-ready — and, best of all, they're free! Get online and check them out!

SoftSynthesizer



Compose a song on your XG PortaTone and e-mail it to your friends! With Yamaha's SoftSynthesizer, your XG MIDI files can play back on a PC and sound exactly as they do on your keyboard-with sound quality that's absolutely amazing! SoftSynthesizer versions S-YXG50 and S-YXG100 fully support the XG format and play back MIDI files with CD quality (44.1kHz) without dedicated hardware such as a sound card or synthesizer module. A free 90-day trial version of SoftSynthesizer is available on the XG Website.

www.yamaha-xg.com

Yamaha Digital Pianos & Portable Keyboards Categories




Looking for a keyboard to keep you entertained at home? At Yamaha's Digital Piano & Portable Keyboard site, you'll find exactly the one you want...and all the information about it you need. Clavinovas, Electones, portable digital pianos, PSR keyboards and even rhythm programmers — all of Yamaha's home-keyboard lines are just a mouse click away from this homepage.

www.yamaha.com/digipianos.htm

PK Club Homepage
Find out all the latest about the PK Club here at our website. Just point your browser at www.yamaha.co.jp/english/product/pk




Yamaha On-Line Shops



Here's your one-stop source for music equipment and software online! Packed full with important information and detailed product descriptions, the Yamaha Virtual Shop and yamahamusicsoft.com let you easily find exactly what you need — right away!

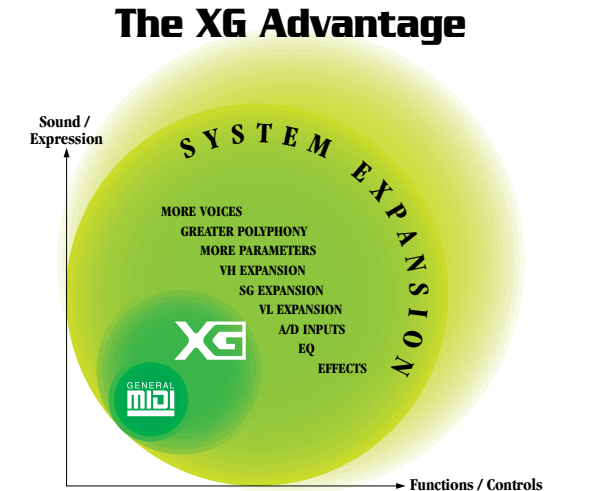
www.yamaha.co.uk/shop/html/home.htm

MIDPLUG for XG



MIDPLUG for XG is a plug-in for Netscape Communicator and Internet Explorer, which enables your XG PortaTone, MIDI tone generator or SoftSynthesizer to playback MIDI data from Web pages automatically. It also allows you to create your own music-enabled Web pages using songs that you've composed on your PortaTone!

www.yamaha-xg.com



COMPATIBLE / SCALABLE / EXPANDABLE

YAMAHA XG

35 Million and Growing!
PC Industry standard!
Ultimate SoftSynthesizer
with 512 voices!

YAMAHA

The XG format is growing rapidly and is also becoming a widespread format for personal computers, with over 35 million licensed XG SoftSynthesizer users to date.



P O R T A T O N E

Playing the keyboard has never been this fun...or this easy!

Hi-fi Speakers and 76 Keys Deliver Enhanced Playing Performance



A keyboard for those who want more. Powerful bass boost speaker system and 76 touch-responsive keys bring out the best in this keyboard's fantastic voices, songs and features.

• 76 Keys • 256 AWM Voices (128 panel voices + 128 GM voices) • Backlit LCD • Digital Effects (8 Reverb, 38 DSP, 26 Harmony) • 100 Accompaniment Styles • 100 Preset + 5 User Songs • Pitch Bend • Multi Fingering Auto Accompaniment • Registration Memory (2 pads x 8 banks) • Foot Switch (optional) • 1188 mm (W) x 435 mm (D) x 127 mm (H) • 8.0 kg



When you just want to sit down and play the piano, the **PORTABLE GRAND** function immediately changes your PortaTone to a piano.



Stereo Sampled Grand Piano Voice

Pressing the PORTABLE GRAND button calls up a special Stereo Sampling Grand piano voice—stunningly rich and authentic in its sound, and exceptionally responsive to your playing touch!

Instant Piano Play

Portable Grand automatically configures the entire instrument to settings that best suit the Grand Piano voice. This means that no matter what operation or function the PortaTone is set to, the Portable Grand is just a button touch away! On the PSR-260, this includes turning Touch Response on and resetting the optional footswitch to control sustain.



Pianist Styles

The PortaTones also include a wealth of special piano-only "Pianist" styles. These provide professional-sounding piano accompaniment—changing chords automatically as you do—while you play a piano melody on top!



Three keyboard lessons for each hand:

• Timing mode

You can play melody or chord by pressing any key on the correct timing.

• Waiting mode

Playback pauses until you play the correct chord or melody note.

• Minus One mode

Mute the left-hand, right-hand, or both parts of a song and play along nonstop.

Lesson Grading

This function lets you monitor your progress as you practice each lesson.

Chord Dictionary

This exclusive Chord Dictionary shows you how to play chords and tells you which chords you are playing by displaying the notes on the LCD screen.



DJ Mode

One press of the DJ button calls up a full arsenal of contemporary dance voices and style patterns, as well as a special DJ songs and games.

General MIDI Capability with Dynamic 2-Way Speakers



The affordable choice for song recording and playback. The PSR-280 has a built-in 6-track sequencer and is fully General MIDI compatible. It's also equipped with a dynamic filter and digital effects.

• 61 Keys • 256 AWM Voices (128 panel voices + 128 GM voices) • Backlit LCD • Digital Effects (8 Reverb, 38 DSP, 26 Harmony) • 100 Accompaniment Styles • 100 Preset + 5 User Songs • Multi Fingering Auto Accompaniment • Registration Memory (2 pads x 8 banks) • Foot Switch (optional) • 933 mm (W) x 370 mm (D) x 129 mm (H) • 5.5 kg

DJ Mode and Bass Boost for Nonstop Music Entertainment



A truly fun keyboard with voices, styles and songs of all music genres—from classical to Dance. A smart set of practicing tools (Y.E.S. 2) makes it incredibly easy to learn to play!

• 49 Keys • A-B Repeat • 100 AWM Voices • Backlit LCD • Voice Effects: Dual, Harmony/Echo, Split • 100 Accompaniment Styles • 100 Preset Songs • Multi Fingering Auto Accompaniment • Multi Pads (4 pads x 10 banks) • 921 mm (W) x 317 mm (D) x 108 mm (H) • 3.7 kg

More Music Enjoyment with 61 Keys and DJ Mode



Express your musical talent with the PSR-260! In addition to a 5-octave touch response keyboard, it features the Y.E.S. 2 music tutor function, bass ports and an exciting new DJ mode.

• 61 Keys • A-B Repeat • 100 AWM Voices • Backlit LCD • Voice Effects: Dual, Harmony/Echo, Split • 100 Accompaniment Styles • Multi Fingering Auto Accompaniment • Multi Pads (4 pads x 10 banks) • Foot Switch (optional) • 100 Preset Songs • 933 mm (W) x 370 mm (D) x 129 mm (H) • 5.3 kg

One-Touch Setting and Multi Fingering Make Playing a Snap!



Sound like a pro from the start with a hundred AWM voices, a hundred automatic accompaniment styles and Multi Fingering System.

• 49 keys • 100 AWM Voices (including Percussion, Dual, Split, Harmony, Sustain & Echo Voices) • 100 Accompaniment Styles • Multi Fingering System • One Touch Setting • "Minus-One" Playback • 20 Songs + 20 Jam Track Patterns • 870 mm (W) x 287 mm (D) x 113 mm (H) • 3.4 kg

Feature Comparison Chart

	Model	Keys	Lyrics Display	Touch Resp.	Polyphony	Tone Generation				Accompaniment				Sequencer	Y.E.S./Y.E.S.2	DJ-Mode	FDD Storage device	GM/XG/XF/DOC	MIDI	To Host	Demo	Speakers	Output		
						Type	Voices	Control	Effects	Equalizer	Variation	Preset	Custom											Fingering	Additional Rhythm Features
PORTATONE	PSR-9000*	61 Std.	● + Vocal Harmony	● + After Touch	126	AWM + Sampling	331 Panel 16 Drums/SFX 480 XG	Pitch Bend & Modulation Wheels Foot Switch (optional) Foot Volume (optional)	29+3 Reverb 25+3 Chorus 16+1 DSP x 5 84 + 5 DSP	Master EQ 2-Band EQ x 29	4	125	Max120 + Disk Direct Play	7	MP: 4 Pad x 60 Banks	16-Track DISK DIRECT PLAY	—	—	2DD/2HD SCSI HD (optional)	GM/XG/XF/DOC	IN x 2 OUT x 2	●	15	12 cm x 2 5 cm x 2	28W x 2
	PSR-740*	61 Std.	● + Vocal Harmony	●	64	AWM	267 Panel 13 Drums/SFX 480 XG	Pitch Bend & Modulation Wheels Foot Switch (optional) Foot Volume (optional)	23 Reverb 19 Chorus 101 DSP 22 Harmony	Master EQ	4	160	3	5	MP: 4 Pad x 40 Banks	16-Track DISK DIRECT	—	—	2DD 2HD	GM/XG/XF/DOC	IN OUT	●	10	12 cm x 2 5 cm x 2	6W x 2
	PSR-640*	61 Std.	●	●	32	AWM	223 Panel 12 Drums/SFX 480 XG	Pitch Bend Wheel Foot Switch (optional) Foot Volume (optional)	23 Reverb 15 Chorus 73 DSP 22 Harmony	—	4	160	3	5	MP: 4 Pad x 40 Banks	16-Track DISK DIRECT	—	—	2DD 2HD	GM/XG/XF/DOC	IN OUT	●	8	12 cm x 2 5 cm x 2	6W x 2
	PSR-540	61 Std.	—	●	32	AWM	215 Panel 12 Drums/SFX 480 XG	Pitch Bend Wheel Foot Switch (optional)	23 Reverb 15 Chorus 73 DSP 22 Harmony	—	2	106	3	5	MP: 4 Pad x 40 Banks	16-Track DISK DIRECT	—	—	2DD 2HD	GM/XG/DOC	IN OUT	●	5	12 cm x 2 5 cm x 2	6W x 2
	PSR-340	61 Std.	—	●	32	AWM	100 Panel 10 Drums 128 GM	Foot Switch (optional)	8 Reverb 4 Chorus 33 DSP 26 Harmony	—	2	100	—	Multi	—	6-Track 3 Songs	Y.E.S. Chord Guide (Dictionary, Smart, EZ Chord)	—	2DD 2HD	GM/DOC	IN OUT	—	3	12 cm x 2 3 cm x 2	6W x 2
	PSR-GX76	76 Std.	—	●	32	AWM	100 Panel 10 Drums 128 GM	Pitch Bend Wheel Foot Switch (optional)	8 Reverb 38 DSP 26 Harmony	—	2	100	—	Multi	—	6-Track 5 Songs	Y.E.S.2 Timing, Waiting, Minus One, Chord Dictionary, Grading	●	—	GM	IN OUT	—	100	12 cm x 2 3 cm x 2	3W x 2
	PSR-280	61 Std.	—	●	32	AWM	100 Panel 10 Drums 128 GM	Foot Switch (optional)	8 Reverb 38 DSP 26 Harmony	—	2	100	—	Multi	—	6-Track 5 Songs	Y.E.S.2 Timing, Waiting, Minus One, Chord Dictionary, Grading	●	—	GM	IN OUT	—	100	12 cm x 2 3 cm x 2	3W x 2
	PSR-260	61 Std.	—	●	16	AWM	100	Foot Switch (optional)	Dual, Harmony/Echo, Split(included in Voice)	—	2	100	—	Multi	MP: 2 Pads x 20 Banks	—	Y.E.S.2 Timing, Waiting, Minus One, Chord Dictionary, Grading	●	—	—	IN OUT	—	100	12 cm x 2	2W x 2
	PSR-160	49 Std.	—	—	16	AWM	100	—	Dual, Harmony/Echo, Split(included in Voice)	—	2	100	—	Multi	MP: 2 Pads x 20 Banks	—	Y.E.S.2 Timing, Waiting, Minus One, Chord Dictionary, Grading	●	—	—	IN OUT	—	100	10 cm x 2	2W x 2
	PSR-74	49 Std.	—	—	12	AWM	100	—	—	—	—	100 + 20 (Jam Track)	—	Multi	—	—	—	—	—	—	—	—	20	10 cm x 2	3.8W x 1
PORTABLE PIANO	YPP-55	76 Std.	—	●	32	AWM	8	Foot Switch	—	—	—	—	—	—	—	1 Track 4 Songs	—	—	—	—	IN OUT	—	8	12 cm x 2	7W x 2
	YPP-45	76 Std.	—	●	28	AWM	5	Foot Switch	—	—	—	—	—	—	—	—	—	—	—	—	IN OUT	—	5	12 cm x 2	7W x 1
	YPP-35	61 Std.	—	●	32	AWM	8	Foot Switch	—	—	—	—	—	—	—	1 Track 4 Songs	—	—	—	—	IN OUT	—	8	12 cm x 2	5W x 2
	YPP-15	61 Std.	—	●	28	AWM	5	Foot Switch	—	—	—	—	—	—	—	—	—	—	—	—	IN OUT	—	5	12 cm x 2	5W x 1
PORTASOUND	PSS-26	49 Mini	—	—	12(Max) 8(Key Play)	FM	100	—	—	—	—	20	—	SE/FC	—	2 Chord	—	—	—	—	—	—	1	10 cm x 2	2W x 2
	PSS-16	37 Mini	—	—	12(Max) 8(Key Play)	FM	100	—	—	—	—	22	—	SF	DP: 4	—	—	—	—	—	—	—	15	7.7 cm x 2	2.1W x 2
	PSS-15	32 Mini	—	—	6(Max) 4(Key Play)	AWM	100	—	—	—	—	30	—	—	—	—	—	—	—	—	—	—	10	7.7 cm x 2	0.5W x 2
	PSS-9	32 Mini	—	—	12(Max) 8(Key Play)	FM	100	—	—	—	—	19	—	SF	DP: 4	—	—	—	—	—	—	—	13	7.7 cm x 1	0.6W x 1
	PSS-7	32 Ultra Mini	—	—	6(Max) 2(Key Play)	AWM	100	—	—	—	—	30	—	—	—	—	—	—	—	—	—	—	10	6.6 cm x 1	0.5W x 1
	PSS-6	32 Ultra Mini	—	—	12(Max) 2(Key Play)	AWM	100	—	—	—	—	15 (Jam Track)	—	—	—	—	—	—	—	—	—	—	15	7.7 cm x 1	2W x 1
DIGITAL PERCUSSION	DD-50	—	—	●	28	AWM	75	2 Foot Pedals	—	—	—	100	—	—	DP: 7 SE: 4	1 Track 1 Song	—	—	—	—	IN OUT	—	1	10 cm x 2	3W x 2
	DD-20	—	—	●	11	PCM	55	—	—	—	—	100	—	—	—	—	—	—	—	—	—	—	1	10 cm x 1	3.8W x 1
DJX	DJX-II	61 Std.	—	—	32	AWM + Sampling	180 Panel 23 Drums	Control Knobs x 8 Ribbon Controller	11 Reverb 7 Chorus 10 Live Effector	3-Band Isolator	10	70	5	—	52 Activator Kits	6 Perf. Recorder	—	—	—	—	IN OUT	—	3	12 cm x 2	6W x 2
	DJX-IIB	—	—	—	32	AWM	180 Panel 23 Drums	Control Knobs x 7 Scratch Pad Cross Fader	11 Reverb 7 Chorus 10 Live Effector	3-Band Isolator	10	70	5	—	74 Scratch Pad Kits	—	—	—	—	—	IN OUT	—	3	8 cm x 2	6W x 2

Specifications and appearance are subject to change without prior notice. Availability of models may vary from country to country.

Accessories

	MODEL	POWER ADAPTOR			HEADPHONES HPE-150	KEYBOARD STAND			FOOT CONTROLLER		
		PA-3/PA-3B	PA-5B/PA-5C	PA-6		L-2C	L-2L	L-6	L-7	FC4/FC5	FC7
PORTATONE	PSR-9000*				●				●		●
	PSR-740			●	●			●	●	●	●
	PSR-640			●	●			●	●	●	●
	PSR-540			●	●			●		●	
	PSR-340		●		●			●		●	
	PSR-GX76	●			●					●	
	PSR-280	●			●	●	●			●	
	PSR-260	●			●	●	●			●	
	PSR-160	●			●	●	●	●			
	PSR-74	●			●	●					

	MODEL	POWER ADAPTOR		HEADPHONES		KEYBOARD STAND			FOOT CONTROLLER
		PA-3/PA-3B	PA-5B/PA-5C	HPE-150	HPE-3	L-2C	LW-10	LW-11	FC4/FC5
PORTABLE PIANO	YPP-55*			●				●	●
	YPP-45*			●				●	●
	YPP-35		●	●		●	●		●
	YPP-15	●		●		●	●		●
PORTASOUND	PSS-26	●			●				
	PSS-16	●			●				
	PSS-15	●			●				
	PSS-9	●			●				
	PSS-7	●			●				
	PSS-6								

	MODEL	POWER ADAPTOR		HEADPHONES	KEYBOARD STAND		FOOT CONTROLLER
		PA-3/PA-3B	PA-5B/PA-5C		L-2B	L-2L	
DIGITAL PERCUSSION	DD-50	●		●	SS-930/830/730/630		●
	DD-20	●		●			
	DJX-II		●	●	●	●	
	DJX-IIB		●	●			

* Power supplied directly from household AC outlet.

* The PSR-9000/740/640 also feature AUX OUT terminals. The PSR-9000 comes with additional features including Max. 8 GB Hard Disk (optional), Max 64 MB SIMM (optional), and MIC/LINE, LOOP SEND, AUX IN/LOOP RETURN, PC Keyboard, Video Out terminals.

DP: Drum Pad
MP: Multi Pad
SE: Sound Effect Pad
SF: Single Finger
FC: Fingered Chord



YAMAHA

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PKCLUB <http://www.yamaha.co.jp/english/product/pk/index.html>

For details please contact: